

Title (en)
Process and device for manufacturing a fibrous insulation web

Title (de)
Verfahren und Vorrichtung zur Herstellung einer Faserdämmstoffbahn

Title (fr)
Procédé et dispositif de fabrication d'une bande d'isolation fibreuse

Publication
EP 1106743 B1 20050406 (DE)

Application
EP 00710034 A 20001120

Priority
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Abstract (en)
[origin: EP1106743A2] In a process to make panels, mineral fibers are drawn from a chamber as a primary web (2) which is then sub-divided into identical secondary webs (5) by parallel knife blades (4). The secondary webs (5) are then rotated through 90 degrees , recombined and surrendered into a sideways-pendulum feed (8) on a moving conveyer belt (9). The fibrous panels are manufactured from a continual web which is subsequently cut into lengths. The fibers are orientated essentially at 90 degrees to the panel surface. The secondary-webs are arranged as a sandwich before twisting about their longitudinal axis. The secondary fibers are compressed in two horizontally-opposed directions during or after pendulum folding on the conveyer. The secondary fleece (11) is then fed through a hardening oven.

IPC 1-7
E04B 1/78; **D04H 1/70**; **D04H 1/74**; **D01G 25/00**

IPC 8 full level
D02G 1/20 (2006.01); **D04H 1/4209** (2012.01); **D04H 1/4218** (2012.01); **D04H 1/4234** (2012.01); **D04H 1/4242** (2012.01); **D04H 1/593** (2012.01); **D04H 1/70** (2012.01); **D04H 1/74** (2006.01); **D04H 13/00** (2006.01); **E04B 1/76** (2006.01); **E04B 1/78** (2006.01); **E04F 15/10** (2006.01)

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Cited by
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